

VEGETABLE PRODUCT DRYING

Abstract of the Disclosure

A dryer is constructed and arranged to dry vegetable product, such as coffee beans. The dryer includes a thermal collector that is constructed and arranged to convert solar energy to heat energy, a heat transfer system, and a housing that defines a drying chamber. The thermal collector is positioned toward a light source and is thermally connected to the heat transfer system. The heat transfer system is also in thermal communication with the drying chamber. Therefore heat is able to move from the thermal collector to the drying chamber. Convective forces, or flow, can be used to move air inside the drying chamber, but photovoltaic energy could also be used to enhance this effect.

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